

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------|------------------|---------|------------------|
| S21 6 | 99 | (bead microsphere microbead) same (naphthol pyrazolone ketomethylene) | US-PGPUB; USPAT | OR | ON | 2006/05/02 10:10 |
| S21 7 | 3 | (bead microsphere microbead) same (naphthol pyrazolone ketomethylene) same coupler | US-PGPUB; USPAT | OR | ON | 2006/05/02 10:11 |
| S21 8 | 9 | (bead microsphere microbead) same (naphthol pyrazolone ketomethylene) same coupl\$3 | US-PGPUB; USPAT | OR | ON | 2006/05/02 12:05 |
| S21 9 | 16037 | (bead microsphere microbead) with (antibod\$3 antigen) | US-PGPUB; USPAT | OR | ON | 2006/05/02 11:25 |
| S22 0 | 56 | (bead microsphere microbead) with (antibod\$3 antigen) with advantage | US-PGPUB; USPAT | OR | ON | 2006/05/02 11:30 |
| S22 1 | 5 | (bead microsphere microbead) with (antibod\$3 antigen) with advantage same immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 11:30 |
| S22 2 | 2 | (bead microsphere microbead) same (naphthol pyrazolone ketomethylene) same immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 12:09 |
| S22 3 | 7 | (bead microsphere microbead) same (color photograph\$3) with coupl\$3 same immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 12:07 |
| S22 4 | 89 | (bead microsphere microbead) and (naphthol pyrazolone ketomethylene) and immunoassay and (color photograph\$3) with coupl\$3 | US-PGPUB; USPAT | OR | ON | 2006/05/02 12:09 |
| S22 5 | 0 | (bead microsphere microbead) same (naphthol pyrazolone ketomethylene) same (color photograph\$3) with coupl\$3 and immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 12:09 |
| S22 6 | 3 | (bead microsphere microbead) and (naphthol pyrazolone ketomethylene) same (color photograph\$3) with coupl\$3 and immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:37 |
| S22 7 | 2 | schroeder.in. and colorable.ti. | US-PGPUB; USPAT | OR | OFF | 2006/05/02 13:00 |
| S22 8 | 12 | (bead microsphere microbead) and (naphthol pyrazolone ketomethylene) same (color\$3 photograph\$3) with coupl\$3 and immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:37 |

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| S22 9 | 0 | (bead microsphere microbead) same (naphthol pyrazolone ketomethylene) same (color\$3 photograph\$3) with coupl\$3 and immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:37 |
| S23 0 | 1 | (bead microsphere microbead particle) same (naphthol pyrazolone ketomethylene) same (color\$3 photograph\$3) with coupl\$3 and immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:38 |
| S23 1 | 533 | (bead microsphere microbead particle) same (color\$3 photograph\$3) with coupl\$3 and immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:38 |
| S23 2 | 21 | (bead microsphere microbead particle) same (color\$3 photograph\$3) with coupl\$3 same immunoassay | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:45 |
| S23 3 | 2 | (bead microsphere microbead particle) same coupl\$3 with dye same immunoassay and (cyan magenta yellow) | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:47 |
| S23 4 | 0 | (bead microsphere microbead) same coupl\$3 with dye same immunoassay and (naphthol pyrazolone ketomethylene) | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:48 |
| S23 5 | 102 | (bead microsphere microbead) same coupl\$3 with dye and (naphthol pyrazolone ketomethylene) | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:48 |
| S23 6 | 30 | (bead microsphere microbead) same coupl\$3 with dye and (naphthol pyrazolone ketomethylene) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 15:14 |
| S23 7 | 25 | (bead microsphere microbead) same coupl\$3 with dye and (naphthol pyrazolone ketomethylene) and (cyan yellow magenta) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:52 |
| S23 8 | 5 | (bead microsphere microbead) same coupl\$3 with dye and (naphthol pyrazolone ketomethylene) same (cyan yellow magenta) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:53 |

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| S23 9 | 49 | coupl\$3 with dye and (naphthol pyrazolone ketomethylene) same (cyan yellow magenta) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 13:54 |
| S24 0 | 11 | ("3791932" "4205952").PN. OR ("4331444").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/02 14:11 |
| S24 1 | 7 | ((("2875057") or ("3265506") or ("3408194") or ("3551155") or ("3582322") or ("2725072") or ("3891445")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/02 14:12 |
| S24 2 | 0 | S241 and (bead microsphere microbead) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:12 |
| S24 3 | 0 | S241 and (immunoassay assay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:14 |
| S24 4 | 12 | ((("2600788") or ("2983608") or ("3062653") or ("3127269") or ("3311476") or ("3419391") or ("3519429") or ("3558319") or ("3582322") or ("3615506") or ("3834908") or ("3891445")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/02 14:14 |
| S24 5 | 0 | S244 and (immunoassay assay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:15 |
| S24 6 | 13 | ((("2369929") or ("2434272") or ("2474293") or ("2521908") or ("2895826") or ("3034892") or ("3311476") or ("3458315") or ("3476563") or ("3583971") or ("3591383") or ("3767411") or ("4004929")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/02 14:15 |
| S24 7 | 0 | S246 and (immunoassay assay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:36 |
| S24 8 | 29 | S246 S241 S244 | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:15 |
| S24 9 | 0 | S248 and (antigen antibod\$3) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:16 |
| S25 0 | 0 | S248 and (antigen antibod\$5) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:16 |
| S25 1 | 582 | immunoassay.ti. and (microsphere bead microbead) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:36 |
| S25 2 | 229 | immunoassay.ti. and (microsphere bead microbead) and dye | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:36 |
| S25 3 | 41 | immunoassay.ti. and (microsphere bead microbead) and dye with coupl\$3 | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:36 |

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| S25 4 | 19 | immunoassay.ti. and (microsphere bead microbead) and dye with coupl\$3 and (cyan magenta yellow) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:37 |
| S25 5 | 1 | immunoassay.ti. and (microsphere bead microbead) same dye with coupl\$3 and (cyan magenta yellow) | US-PGPUB; USPAT | OR | ON | 2006/05/02 14:37 |
| S25 6 | 335 | coupl\$3 with dye and (naphthol pyrazolone ketomethylene) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 15:14 |
| S25 7 | 83 | coupl\$3 with dye same (naphthol pyrazolone ketomethylene) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 15:32 |
| S25 8 | 8 | coupl\$3 with dye same (naphthol pyrazolone ketomethylene) same (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 15:16 |
| S25 9 | 1 | ("4098574").PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/02 15:16 |
| S26 0 | 22 | (substrate support bead microsphere) same coupl\$3 with dye same (naphthol pyrazolone ketomethylene) and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/02 15:55 |
| S26 1 | 25 | (substrate support bead microsphere) same coupl\$3 with dye same (naphthol pyrazolone ketomethylene) and (assay immunoassay antibod\$3 antigen) | US-PGPUB; USPAT | OR | ON | 2006/05/02 15:55 |
| S26 2 | 9 | (substrate support bead microsphere) same coupl\$3 with dye same (naphthol pyrazolone ketomethylene) same (assay immunoassay antibod\$3 antigen function\$3) | US-PGPUB; USPAT | OR | ON | 2006/05/02 16:03 |
| S26 3 | 0 | label\$3 with coupl\$3 with dye same (naphthol pyrazolone ketomethylene) same (assay immunoassay antibod\$3 antigen function\$3) | US-PGPUB; USPAT | OR | ON | 2006/05/02 16:04 |
| S26 4 | 0 | label\$3 with coupl\$3 with (photograph\$3 color dye) same (naphthol pyrazolone ketomethylene) same (assay immunoassay antibod\$3 antigen function\$3) | US-PGPUB; USPAT | OR | ON | 2006/05/02 16:04 |
| S26 5 | 1 | label\$3 with coupl\$3 with (photograph\$3 color dye) same (naphthol pyrazolone ketomethylene) | US-PGPUB; USPAT | OR | ON | 2006/05/02 16:04 |

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| S26 6 | 53 | label\$3 with coupl\$3 with (photograph\$3 color dye) and (naphthol pyrazolone ketomethylene) | US-PGPUB; USPAT | OR | ON | 2006/05/02 16:05 |
| S26 7 | 32 | label\$3 with coupl\$3 with (photograph\$3 color dye) and (naphthol pyrazolone ketomethylene) and (cyan magenta yellow) | US-PGPUB; USPAT | OR | ON | 2006/05/02 16:17 |
| S26 8 | 1 | ("4837168").PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 10:41 |
| S26 9 | 428 | (436/56).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 10:42 |
| S27 0 | 2 | S269 and coupl\$3 with (photograph\$3 color dye) and (naphthol pyrazolone ketomethylene) and (cyan magenta yellow) | US-PGPUB; USPAT | OR | OFF | 2006/05/03 10:48 |
| S27 1 | 0 | S269 and coupl\$3 with (photograph\$3) and (naphthol pyrazolone ketomethylene) and (cyan magenta yellow) | US-PGPUB; USPAT | OR | OFF | 2006/05/03 10:48 |
| S27 2 | 155014 | ((("436") or ("435"))).CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 10:48 |
| S27 3 | 26 | S272 and coupl\$3 with (photograph\$3) and (naphthol pyrazolone ketomethylene) and (cyan magenta yellow) | US-PGPUB; USPAT | OR | OFF | 2006/05/03 11:18 |
| S27 4 | 28 | (tag\$4 label\$4) same coupl\$3 with (photograph\$3) and (naphthol pyrazolone ketomethylene) and (cyan magenta yellow) | US-PGPUB; USPAT | OR | OFF | 2006/05/03 11:19 |
| S27 5 | 4 | S272 and (tag\$4 label\$4) same coupl\$3 with (photograph\$3) and (naphthol pyrazolone ketomethylene) and (cyan magenta yellow) | US-PGPUB; USPAT | OR | OFF | 2006/05/03 11:20 |
| S27 6 | 4 | ((("4256834") or ("4663277") or ("6023540") or ("6429027"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 12:52 |
| S27 7 | 199 | microsphere.ti. and micron and acrylic | US-PGPUB; USPAT | OR | ON | 2006/05/03 12:53 |
| S27 8 | 134 | microsphere.ti. and diameter with micron and acrylic | US-PGPUB; USPAT | OR | ON | 2006/05/03 12:53 |
| S27 9 | 26 | microsphere.ti. and diameter with micron and acrylic and (assay immunoassay) | US-PGPUB; USPAT | OR | ON | 2006/05/03 12:54 |

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| S28 0 | 24 | microsphere.ti. and diameter with micron and acrylic and (assay immunoassay) and (antigen antibod\$4) | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:06 |
| S28 1 | 19 | microsphere.ti. and diameter with micron and (acrylic styren\$3 polyester) and (assay immunoassay) and (antigen antibod\$4) not S280 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:08 |
| S28 2 | 15 | microsphere.ti. and dye and diameter with micron and (acrylic styren\$3 polyester) and (assay immunoassay) and (antigen antibod\$4) not S280 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:09 |
| S28 3 | 40 | microsphere.ti. and dye and diameter with micron and (acrylic styren\$3 polyester) and (liga\$3 antigen antibod\$4) not S280 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:17 |
| S28 4 | 79 | microsphere.ti. and dye and diameter with micron and (acrylic styren\$3 polyester) | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:17 |
| S28 5 | 19 | microsphere.ti. and dye and diameter with micron and (acrylic styren\$3 polyester) not S280 not S283 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:18 |
| S28 6 | 0 | microsphere.ti. and dye and diameter with micron and (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:19 |
| S28 7 | 15 | microsphere.ti. and dye and diameter with (micron micrometer) and (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:23 |
| S28 8 | 120 | microsphere same dye and microsphere same diameter with (micron micrometer) and (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:23 |
| S28 9 | 120 | microsphere same dye and microsphere same diameter with (micron micrometer) and (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:24 |

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| S29 0 | 106 | microsphere same dye and microsphere same diameter with (micron micrometer) and (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 not S287 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:24 |
| S29 1 | 7 | microsphere same dye and microsphere same diameter with (micron micrometer) same (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 not S287 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:24 |
| S29 2 | 29 | microsphere same dye and microsphere same diameter with (micron micrometer) and microsphere same (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 not S287 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:24 |
| S29 3 | 22 | microsphere same dye and microsphere same diameter with (micron micrometer) and microsphere with (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 not S287 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:26 |
| S29 4 | 54 | microsphere same dye and microsphere with (acrylic styren\$3 polyester) not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 not S287 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:28 |
| S29 5 | 20 | microsphere with (acrylic styren\$3 polyester) same dye not S280 not S283 and (assay immunoassay liga\$4 antigen antibod\$4) not S280 not S283 not S287 | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:30 |
| S29 6 | 2 | ((("5635215") or ("5648100")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 13:30 |
| S29 7 | 0 | scroeder.in. and colorable adj polymeric.ti. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 13:42 |
| S29 8 | 1 | schroeder.in. and colorable adj polymeric.ti. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 13:43 |
| S29 9 | 41 | acrylic with microsphere same dye | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:45 |

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| S30 0 | 20 | acrylic with microsphere same dye and (immunoassay assay bind\$3 ligat\$3 antigen antibod\$4) | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:45 |
| S30 1 | 22 | acrylic with microsphere same dye not fluorescent | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:45 |
| S30 2 | 10 | acrylic with microsphere same dye and (immunoassay assay bind\$3 ligat\$3 antigen antibod\$4) not fluorescent | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:46 |
| S30 3 | 1 | acrylic with microsphere same dye and (immunoassay assay ligat\$3 antigen antibod\$4) not fluorescent | US-PGPUB; USPAT | OR | ON | 2006/05/03 13:46 |
| S30 4 | 120 | microsphere.ti. and acrylic and dye | US-PGPUB; USPAT | OR | ON | 2006/05/03 14:01 |
| S30 5 | 175 | microsphere.ti. and (acrylic polyester styr\$5) and dye | US-PGPUB; USPAT | OR | ON | 2006/05/03 14:02 |
| S30 6 | 69 | microsphere.ti. and (acrylic polyester styr\$5) and dye and (immunoassay assay) | US-PGPUB; USPAT | OR | ON | 2006/05/03 14:07 |
| S30 7 | 7 | microsphere.ti. and (acrylic polyester styr\$5) and dye and (immunoassay assay) not fluorescent | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:14 |
| S30 8 | 4 | microsphere.ti. and photograph\$3 with dye and (acrylic polyester styr\$5) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:16 |
| S30 9 | 19 | microsphere.ti. and coupl\$3 with dye and (acrylic polyester styr\$5) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:27 |
| S31 0 | 63 | microsphere same coupl\$3 with dye and (acrylic polyester styr\$5) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:27 |
| S31 1 | 21 | microsphere same coupl\$3 with dye and microsphere with (acrylic polyester styr\$5) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:29 |
| S31 2 | 19 | microsphere.ti. and coupl\$3 with dye and (acrylic polyester styr\$5) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:29 |
| S31 3 | 11 | microsphere.ti. and coupl\$3 with dye and (acrylic polyester styr\$5) and microscope | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:30 |
| S31 4 | 11 | microsphere.ti. and coupl\$3 with dye and (acrylic polyester styr\$5) and (micron micrometer) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:31 |
| S31 5 | 131 | microsphere.ti. and dye and (acrylic polyester styr\$5) and (micron micrometer) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:36 |
| S31 6 | 83 | microsphere.ti. and microsphere with dye and (acrylic polyester styr\$5) and (micron micrometer) | US-PGPUB; USPAT | OR | ON | 2006/05/03 16:43 |